AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the
application:

Listing of Claim

Claims 1 -30 canceled

31. (Currently Amended) A method of ~~out-band~~ downloading a file from a web-site into
a ~~targeted system~~ storage space comprising:

assigning a fist wireless communication device to access a first external storage
space provided by an associated computer across a communication network:

~~facilitating a user from~~ instructing the fist wireless communication device's a web-
browser ~~of a system via a network of LAN, Intranet or Internet to accesses~~ to

retrieve a web page [[on]] from a remote web site served by a web server

computer, ~~where~~ the web page comprising a file ~~contains file download~~

~~information including the file path, the IP address of the remote web site, and~~

~~related~~ information available for downloading ~~from the web server,~~ , and

~~instructing the wireless system to obtain~~

instructing the fist wireless communication device sending the ~~desired~~ file

~~download~~ information for the downloading ~~contained in the web page from~~ to the

associated computer via obtaining the file information from the ~~cached~~ web page cached

[[o]]in the ~~system~~ first wireless communication device; and

~~instructing the system to send the obtained file download information to a~~

~~permitted targeted system via the network,~~

instructing the ~~targeted system~~ associated computer to

receive ~~said file~~ the file information for downloading ~~information~~ from the

first wireless communication device, ~~and~~

send a ~~download~~ request to the remote web ~~site~~ <u>server computer for</u>

<u>downloading the file,</u> ~~via the network,~~ ~~and~~

~~instructing the targeted system to~~

receiv<u>e</u>[[ing]] the downloading ~~file~~ <u>data</u> stream <u>for the file</u> from the remote

web[[-site]] <u>server computer, and</u>

<u>store the file</u> directly into ~~a designated file system of the targeted system~~

<u>the first external storage space assigned to the first wireless communication device</u>

~~without goes through said system.~~

32. (Currently Amended) The method of claim 31, ~~wherein said web browser of a system~~

~~and the targeted system~~ further includes:

provid<u>ing</u>[[e]] ~~the~~ <u>a</u> user ~~from a~~ <u>of</u> the <u>first</u> wireless <u>communication</u> device[['s]]

<u>via the</u> web browser to access <u>at least a file stored on the assigned first external storage</u>

<u>space across the communication network, wherein the file is at least one of a streaming</u>

<u>video file, a streaming musical file, or a digital picture file.</u> ~~web page, provide the user~~

~~from a personal desktop or laptop to access the web page, and provide user from a~~

~~server's web browser to access the web page; and~~

~~provide another remote laptop, desktop, or server as the targeted system.~~

33. (Currently Amended) A system ~~provides~~ <u>supporting for</u> <u>downloading file for a</u>

<u>plurality of</u> ~~for~~ wireless <u>communication</u> devices ~~that comprises~~, <u>the system comprising:</u>

<u>at least a web server computer serving a web site on a communication network,</u>

<u>the web site providing file downloading services via providing at least a</u>

<u>web page comprising at least an information for a file that is available for</u>

<u>downloading;</u>

<u>at least a wireless communication device,</u>

the wireless communication device comprising a web browser for the
wireless communication device accessing world wide web, the accessing
including to access (retrieve) at least said web page of said web site for
downloading at least said file, wherein said web page upon accessing is
cached in the wireless communication device; and

an associated computer providing at least an storage space to at least said wireless
communication device as an external storage space of said wireless
communication device across the communication network; and

wherein said wireless communication device operatively coupled to the associated
computer for controlling a user of said wireless communication device
accessing the assigned external storage space including controlling
downloading at least said file from said web site directly into the assigned
external storage space instead of immediately downloading the file into
the wireless communication device itself.

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~~a server unit connects to a network and to be accessed by one or more users from
each of their own web browser via the network of LAN, Intranet or Internet;
the server unit is configured with one or more storage devices, which to be
partitioned by one or more administration users from each of their own web browser over
the network, and be assigned to each wireless device as its external storage; and
the server unit facilitates each user of the wireless devices from his/her web
browser to perform tasks of accessing and managing the files and file-folders in the
wireless device's assigned external storage, where the tasks include downloading files
from remote web sites into the assigned external storage on the server unit; and
the server unit also facilitates each user's one or more tasks to be run
concurrently in the user's web browser.~~

34 – 51 (Canceled)

52. (New) The method of claim 31 further includes:

assigning a second storage space of the associated computer to a second wireless communication device, and allowing the second wireless communication device to download at least a file from the web site directly into the assigned second storage space instead of immediately downloading the file into the second wireless communication device.

53. (New) The system of claim 31 further comprising:

allowing each wireless communication device downloading at least a file directly from a second web site served by a second web server computer into the corresponding assigned external storage space on the associated computer instead of immediately downloading the file into the wireless communication device.

54. (New) The system of claim 33, wherein

said associated computer configured with at least a storage device, each storage device being partitioned into at least a storage volume, and each storage volume being configured with a file system and be exclusively assigned to a wireless communication device as an external storage space.

55. The system of claim 33, wherein

said associated computer transmitting and displaying the assigned external storage space into a web browser of a corresponding wireless communication device via

a web user interface that allows the user selecting at least a management option to

perform data management task.

56. (New) The system of claim 33 further comprising:

     providing the user of the wireless communication device via the web browser

transmitting data file between the wireless communication device and the assigned

external storage space on the associated computer.

57. (New) The system of claim 33 further comprising:

     providing the user of the wireless communication device via the web browser to

managing assigned external storage space that includes creating folder structure and

performing data management for the stored files, the data management including at least

one of rename, copy, delete, or move operating option.

58. (New) The system of claim 33, wherein said downloading a file a further comprising:

     the wireless communication device sending the information of said file available

for downloading to the associated computer based on the information obtained from said

web page cached in the wireless communication device.

59. (New) The system of claim 58 comprising:

     the associated computer receiving the information for download the file from the

wireless communication device, sending a request to the remote web server computer for

downloading the file, receiving the downloading data stream for the file from the remote

web server computer, and storing the file directly into the external storage space assigned

to the wireless communication device.

60. (New) The system of claim 33 further comprising:

provide the user of the wireless communication device via the web browser to access at least a file stored on the assigned external storage space on the associated computer, wherein the file is at least one of a streaming video file, a streaming musical file, or a digital picture file.

61. (New) A computer program product, tangibly stored on a computer-readable medium, for a system providing each one of a plurality of wireless communication devices an external storage space, the computer program product comprising:

a program code comprising program instructions for at least a web server

computer serving a web site on a communication network,

the web site providing file downloading service through providing at least

a web page comprising at least an information for a file that is available

for downloading;

a program code comprising program instructions for at least a wireless

communication devices configuring a web browser being used for

accessing the world wide web, the accessing including to access (retrieve)

at least said web page of said web site, wherein said web page upon

accessing is cached in the wireless communication device; and

a program code comprising program instructions for an associated computer

providing at least a storage space to at least said wireless communication

device as an external storage of said wireless communication device

across the communication network; and

wherein said wireless communication device operatively coupling to the

associated computer for controlling a user of said wireless communication

device via the web browser to access and manage the assigned external

storage space that includes controlling downloading at least said file from

said web site directly into the assigned external storage space instead of

immediately downloading the file into said wireless communication

device.

62. (New) The computer program product of claim 61, wherein said

associated computer configured with at least a storage device, each storage device being

partitioned into at least a storage volume, and each storage volume being configured with

a file system and be exclusively assigned to a wireless communication device as an

external storage.

63. (New) The computer program product of claim 61, wherein said

associated computer transmitting and displaying information of the assigned external

storage space into a web browser of a corresponding wireless communication device via

a web user interface that allows the user selecting management options and performing

corresponding data management for the assigned external storage space.

64. (New) The computer program product of claim 61, wherein the wireless

communication device allowing the user from the web browser via a web user interface

to transmit data files between the wireless communication device and the assigned

external storage space on the associated computer.

 65. (New) The computer program product of claim 61, wherein said wireless

communication device allowing via the web browser to managing assigned external

storage space that includes creating folder structure and performing data management for

the stored files, the data management including at least one of rename, copy, delete, or move operation.

66. (New) The computer program product of claim 61, wherein said

wireless communication device sending the information of the file available for downloading to the associated computer based on the information obtained from the web page cached in the wireless communication device.

67 (New) The computer program product of claim 66, wherein said

associated computer receiving the download information for the file from the wireless communication device, sending a request to the remote web server computer for of downloading the file, receiving the downloading stream for the file from the remote web server computer, and storing the file directly into the external storage space assigned to the wireless communication device.

68. (New) The computer program product of claim 61, wherein said wireless communication device

providing the user of the wireless communication device via the web browser to access at least a file stored on the assigned external storage space, wherein the file is at least one of a streaming video file, a streaming musical file, or a digital picture file.